

From the

INTERNATIONAL	SPARCHING	ATITHODITY
III LEKIYA LICIYAL	SCARCHING	AUTHURLE

To: DALE F. REGELMAN LAW OFFICE OF DALE F. REGELMAN, P.C.

PCT

4231 S. FREMONT AVENUE TUCSON, AZ 85714		WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY		
		(PCT Rule 43 <i>bis</i> .1)		
		Date of mailing (day/month/year)	1 0 MAR 2005	
Applicant' s or agent' s file reference		FOR FURTHER ACTION		
APT02.01 PCT See paragraph 2 below				
International application No.	International filing date	(day/month/year) Priority date (day/month/year)		
PCT/US03/29204	19 September 2003 (19.			
International Patent Classification (IPC) or both national classification and IPC IPC(7): C23C 16/00; C23F 1/02; H01J 7/24 and US Cl.: 118/723 DC, 723R, 723VE, 723EB; 156/345.33, 345.35; 315/111.81, 111.91, 111.41				
Applicant				
APPLIED PROCESS TECHNOLOGIES, INC.				
1. This opinion contains indications relating to the following items:				
Box No. I Basis of the opinion				
Box No. II Priority	I Priority			
Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability				
Box No. IV Lack of uni	Lack of unity of invention			
Box No. V Reasoned st	Reasoned statement under Rule 43bis. 1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement			
Box No. VI Certain doc	Certain documents cited			
Box No. VII Certain defe	ects in the international ap	international application		
Box No. VIII Certain obse	Certain observations on the international application			
2. FURTHER ACTION				
If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.				
If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.				
For further options, see Form PCT/ISA/220.				
3. For further details, see notes to Form PCT/ISA/220.				
Name and mailing address of the ISA/ US	S	Authorized office	011	
Commissioner for Patents			WITT -	
P.O. Box 1450 Alexandria, Virginia 22313-1450 Telephone No. 571 272 1830		571 272 1830		
Facsimile No. (703)305-3230 Form PCT/ISA/237 (cover sheet) (January	2004)			

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/US03/29204

Box No. I Basis of this opinion				
1. With regard to the language, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.				
This opinion has been established on the basis of a translation from the original language into the following language, which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).				
2. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:				
a. type of material				
a sequence listing				
table(s) related to the sequence listing				
b. format of material				
in written format				
in computer readable form				
c. time of filing/furnishing				
contained in international application as filed.				
filed together with the international application in computer readable form.				
furnished subsequently to this Authority for the purposes of search.				
In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.				
4. Additional comments:				
NATIONAL DOZIO				

Form PCT/ISA/237(Box No. I) (January 2004)

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

Form PCT/ISA/237 (Box No. V) (January 2004)

International application No. PCT/US03/29204

Box No. V Reasoned statement under Rule 43 bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement 1. Statement Novelty (N) Claims 1-19 YES Claims NONE NÓ Inventive step (IS) Claims 1-19 YES Claims NONE _NO Industrial applicability (IA) Claims 1-19 YES Claims NONE _NO 2. Citations and explanations: Claims 1-19 meet the criteria set out in PCT Article 33(2)-(3), because the prior art does not teach or fairly suggest a plasma source constructed in a manner as required in claims 1, 12, 15 and 16, in that, at least one cathode electrode connects to a power supply while supporting at least at least one magnetron discharge region within a discharge cavity as a wall portion, wherein a plurality of magnets disposed adjacent the wall portion of the discharge cavity so as to create a null magnetic field point within the discharge Claims 1-19 meet the criteria set out in PCT Article 33(4), and thus a plasma source having cathodes supporting as a wall portion for producing uniform linear beam is found industrial applicability because the subject matter claimed can be made or used in industry.